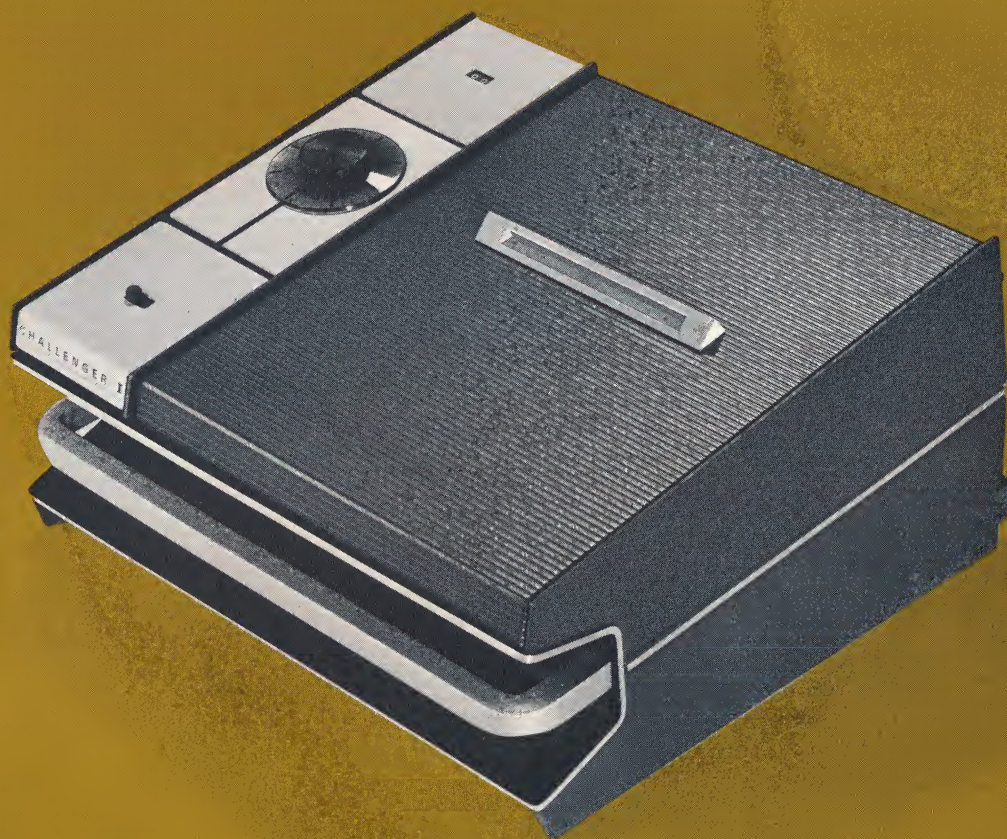


PRESENTING THE **CHALLENGER I**®

AND THE
**ON-LINE
KEY PUNCH
METHOD**



PATENT 3,136,073

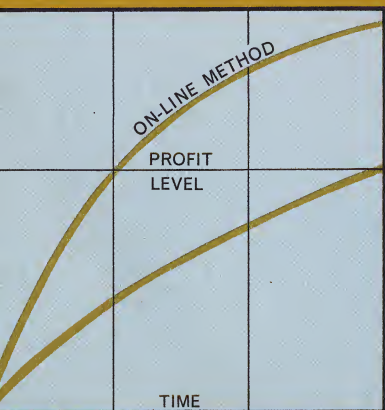
FROM UNITED DATA PROCESSING INC.—1001 S.W. 10TH AVE., PORTLAND, OREGON 97205

THE ON-LINE KEY PUNCH METHOD . . .

re-tested* and proved effective in two important applications:

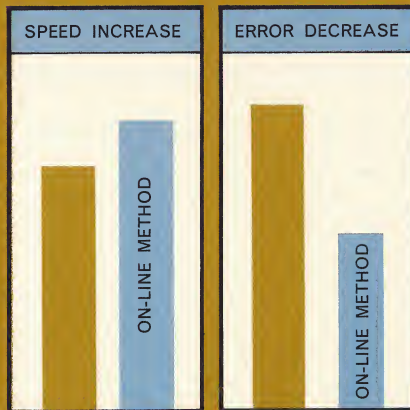
As a supplement to basic key punch training

Novice operators reach a profitable performance level in the time usually required.



As a self-improvement practice method

—skilled experienced operators show up to 15% increases in speed and reduce errors by as much as 40%.



By improving key punching speed and accuracy, the On-Line Key Punch Method provides management with these substantial benefits.

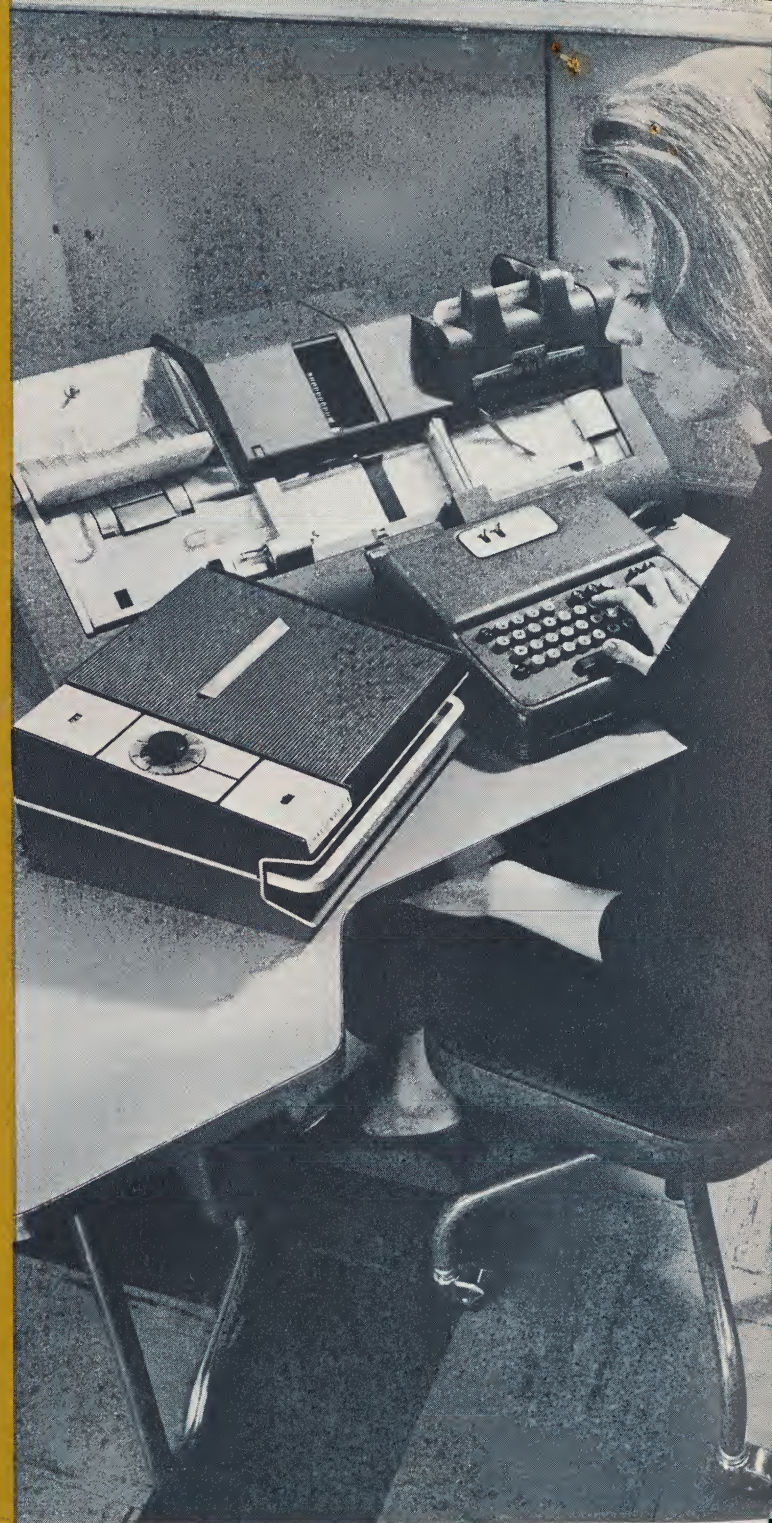
Less cost/card—reduced key punch department operating costs

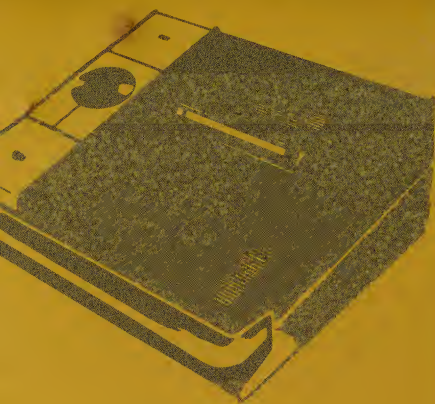
Less lag time from source documents to computer runs

Fewer costly computer re-runs

Faster reporting to management

*Detailed results of field tests available on request.





PROGRAMMED PRACTICE DATA

Practice material is arranged in programs of increasing difficulty as determined by computer analysis. Each program consists of three punched tapes and a quantity of IBM cards, pre-punched to correspond with the practice material on the tapes. The basic training course, consisting of three tapes and three sets of cards, covers all fundamental punch training needs. Courses for specialized situations are programmed on an individual basis according to the specific training requirements.

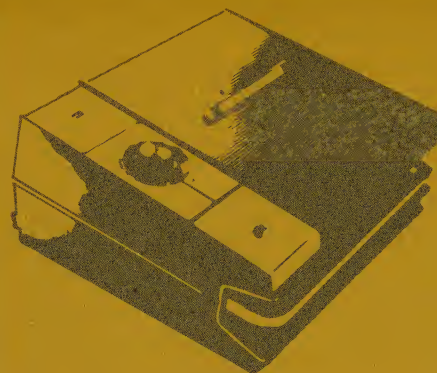


CHALLENGER I

The Challenger I, an electronic data presentation unit, is connected to an IBM Verifier. As the practice material is displayed, the operator verifies the data into the pre-punched cards. In addition to displaying practice data, the Challenger I performs a variety of on-line functions:

1. Monitors the operator's performance (speed and accuracy).
2. Evaluates the operator's performance and adjusts its speed of presentation accordingly.
3. Logs the beginning and ending speed of the operator as well as the number of errors made.

Since no tools are required for connecting or disconnecting the Challenger I, the verifier may be converted from production unit to training unit (and vice versa) in a matter of seconds. The Challenger I weighs only 18 pounds.



THE ON-LINE METHOD

In every practice session, there is a close interaction between the student and the Challenger I as the instructional source. It is this On-Line characteristic that is primarily responsible for the extreme effectiveness of the training method.

If the operator makes an error, she is aware of it immediately, because the Challenger I stops and will not proceed until the error has been corrected. If the operator is unable to keep pace with the practice material, or makes excessive errors, the speed of the data tape is lowered appropriately. If the operator is successful at one speed, the Challenger I "encourages" her to proceed to a slightly higher speed. Throughout her practice, the operator is made aware of her successes and failures, and is given a maximum opportunity to increase her successes in a controlled instructional situation.



Once an operator has acquired a higher level of proficiency, one hour of practice per week will usually maintain her new performance level. Since the On-Line Key Punch Method is geared to each individual operator's needs, neither a classroom situation nor an instructor is required. This allows the operator to practice on her own during any off-production period.

The On-Line Key Punch Method instruction manuals cover all essentials in simple understandable language.

If you have two or more full time key punch operators, we will be pleased to demonstrate the major economic advantages that can be yours now with the On-Line Key Punch Method and Challenger I. There is no obligation. Write or call:

On-Line Key Punch Method Division
United Data Processing, Inc.
1001 S. W. 10th Avenue
Portland, Oregon 97205
Phone: 224-1410 (503)

FROM UNITED DATA PROCESSING INC. — 1001 S. W. 10TH AVE., PORTLAND, OREGON 97205





UNITED DATA PROCESSING, INC.

1001 S.W. TENTH AVENUE
PORTLAND, OREGON 97205
Phone 224-1410

Thank you for your inquiry.

If you were positively sure that there was "something" on the market that would:

- Dramatically increase the key punching speed and accuracy of your existing operators, plus
- Provide an "in-plant" self-instruction key punch course for new operators,


you would be mighty interested, wouldn't you?

The Challenger I will do just this. This unique new training device, combined with the "Programmed Instruction Key Punch Manual" allows you to upgrade the skill of experienced operators, and also to teach, "from scratch", girls who have never even seen a key punch before.

The Challenger I package which includes the machines, Operator's Manual, practice tapes, and Key Punch Instruction Manual sells for \$1,695.00, or rents for \$89.00 a month.

The enclosed reply card will bring you the Challenger I package for a one-month rental, without any obligation to continue unless you are absolutely satisfied with its performance. May we send you one today?

Yours very truly,


James O. Powell
President

JOP:mk
Enclosures

I'm interested in your Challenger I package.

() Please ship me a Challenger I at once, on a 1-month rental at \$89.00, f.o.b. Portland, Oregon.

Name _____

Company _____

Address _____

FIRST CLASS

PERMIT NO.7594

Portland, Oregon

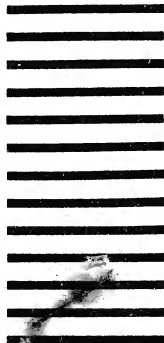
BUSINESS REPLY MAIL

NO POSTAGE STAMP NECESSARY IF MAILED IN THE UNITED STATES

POSTAGE WILL BE PAID BY

UNITED DATA PROCESSING, INC.

**1001 S.W. 10th AVENUE
PORTLAND, OREGON 97205**



UNITED DATA PROCESSING, INC.

1001 S. W. TENTH AVENUE

PORTLAND, OREGON 97205



FIRST CLASS MAIL

A

T NELSON
SYSTEMS CONSULTANT
BOX 1546
POUGHKEEPSIE
NEW YORK 12603

ANOTHER **Datamation** READER INQUIRY

PROD